

Converting Colors

HunterLab(77.9768, -49.9220,
45.8666)

Have a look what the booklet for
HunterLab(77.9768, -49.9220,
45.8666) contains.

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Color

**HunterLab(77.8504,
-49.6825, 45.7683)**

Conversions

Conversions Part 1

Format	Color
Hex	85E425
RGB	133, 228, 37
RGB Percent	52%, 89%, 15%
CMY	0.4784, 0.1059, 0.8549
CMYK	0.42, 0.00, 0.84, 0.11
HSL	90°, 78%, 52%
HSV	90°, 84%, 89%
XYZ	37.7501, 60.6068, 11.4589
YIQ	177.8210, 4.6910, -79.5410

Conversions

Conversions Part 2

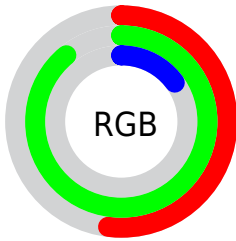
Format	Color
RYB	37, 228, 132
Decimal	8774693
CIELab	82.17, -55.60, 74.83
CIELCh	82, 93.223, 126.615
Yxy	60.6095, 0.3438, 0.5519
Android (android.graphics.Color)	4286964773 (0xFF85E425)
YUV	177.8210, -69.4248, -39.3080
Hunter-Lab	77.8504, -49.6825, 45.7683

Details

The HunterLab color $77.8504, -49.6825, 45.7683$ is a dark color, and the websafe version is hex $66CC00$. The color can be described as middle washed chartreuse. A complement of this color would be $34.3982, 65.3016, -104.1796$, and the grayscale version is $66.9293, -3.5712, 3.6364$.

A 20% lighter version of the original color is $91.5515, -42.9382, 47.5212$, and $55.5380, -41.4248, 33.4970$ is the 20% darker color. If you saturate the color by 10%, you get $77.2232, -52.3826, 46.3428$, and if you desaturate by 10%, it is $78.5962, -46.4346, 44.4125$.

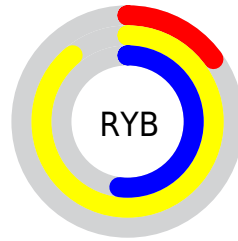
Distribution



Red (52%)

Green (89%)

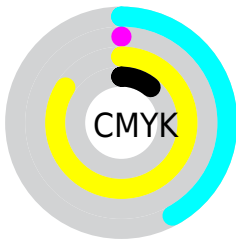
Blue (15%)



Red (15%)

Yellow (89%)

Blue (52%)

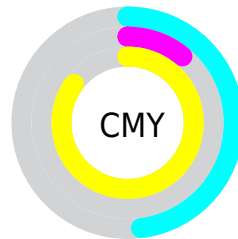


Cyan (42%)

Magenta (0%)

Yellow (84%)

Black (11%)



Cyan (48%)

Magenta (11%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.8504, -49.6825, 45.7683 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 77.8504, -49.6825, 45.7683 by changing the saturation by 10% instead.

■ 77.8504, -49.6825,
45.7683

■ 77.8504, -49.6825,
45.7683

206.6012,
-78.2933, 83.8826

■ 66.2647, -46.0168,
40.7848

■ 102.8170,
-56.6088, 55.1579

■ 55.3171, -42.1714,
35.5794

■ 116.1406,
-59.9107, 59.6066

■ 45.0492, -38.1023,
30.1393

■ 129.9948,
-63.1274, 63.9167

■ 35.5094, -33.7455,
24.8566

■ 144.3598,
-66.2711, 68.1044

■ 26.7581, -29.0063,
18.7307

■ 159.2181,
-69.3520, 72.1836

■ 18.8742, -23.7383,
13.2119

■ 174.5538,

■ 11.9662, -20.9408,

-72.3782, 76.1663

8.3763

190.3526,
-75.3567, 80.0630

■ 4.8995, -8.5741,
3.4296

0.0000, NaN, NaN

■ 77.8504, -49.6825,
45.7683

■ 77.8504, -49.6825,
45.7683

■ 77.2232, -52.3826,
46.3428

■ 78.5962, -46.4346,
44.4125

■ 76.8807, -53.8338,
46.4311

■ 79.4633, -42.6039,
42.1715

■ 80.4586, -38.1796,
38.9794

■ 81.5854, -33.1631,
34.7974

■ 82.8454, -27.5664,
29.6089

■ 84.2391, -21.4100,
23.4156

■ 85.7660, -14.7210,
16.2342

■ 87.4243, -7.5313,
8.0938

■ 89.2119, 0.1239,
-0.9675

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.8521, -13.9619, 49.8280



77.8504, -49.6825, 45.7683



77.8521, -69.1751, 30.5181

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.8521, -49.6841, 45.7687



77.8521, -35.8659, -117.0132



77.8521, 102.9214, 13.2103

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



77.8504, -49.6825, 45.7683



34.3982, 65.3016, -104.1796

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.8521, 93.2650, -36.4537



77.8504, -49.6825, 45.7683



77.8521, 6.1561, -131.6175

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.8521, -49.6841, 45.7687



77.8521, -62.5685, -63.3463



77.8521, 55.0516, -96.2297



77.8521, 79.0344, 39.2792

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.8504, -49.6825, 45.7683



77.8521, -73.5436, 8.9831



77.8521, 55.0516, -96.2297



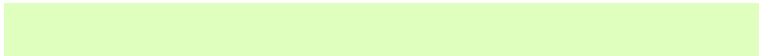
77.8521, 103.5591, -0.8266

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



77.8521, -49.6841, 45.7687



95.4078, -25.3128, 27.6262



56.9337, 26.4758, 33.7222



43.8767, -12.8728, 13.9654

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



77.8521, -49.6841, 45.7687



87.2475, -61.2607, 52.6891



74.8852, -62.0154, 43.6718



40.5502, -5.4790, 6.0229



58.4801, -40.6580, 35.3234



16.0700, -10.3450, 9.7211

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



34.3982, 65.3016, -104.1796



34.2345, 79.7169, -141.3582



47.8585, 86.5546, -59.9296



37.7326, 1.4384, -2.0921



23.1257, 53.5895, -93.4745



6.7112, 15.0545, -23.2702

Previews

White Background



This preview shows how the HunterLab color 77.8504, -49.6825, 45.7683 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 77.8504, -49.6825, 45.7683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

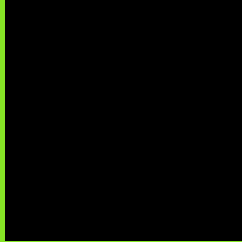
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 77.8504, -49.6825, 45.7683 Background



This preview shows how black text looks on a background with the HunterLab color 77.8504, -49.6825, 45.7683.



This preview shows how white text looks on a background with the HunterLab color 77.8504,

-49.6825, 45.7683.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

77.8504, -49.6825, 45.7683

Protanopia

77.4193, -10.6564, 46.5782

Deuteranopia

77.2628, 5.8304, 44.7406



Tritanopia

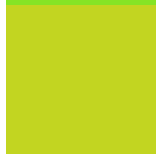
77.5339, -16.0048, -9.1903

Trichromacy



Original Color

77.8504, -49.6825, 45.7683



Protanomaly

76.9205, -27.1289, 45.8141



Deuteranomaly

76.3032, -17.7070, 44.3629



Tritanomaly

76.8961, -32.6459, 21.5206

Monochromacy



Original Color

77.8504, -49.6825, 45.7683



Achromatopsia

66.7234, -3.5602, 3.6252



Achromatomaly

69.7808, -23.7071, 25.5235

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.8504, -49.6825, 45.7683 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(133, 228, 37)` looks like.

```
.text, #text, p{  
    color:rgb(133, 228, 37)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(133, 228, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 228, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 77.8504, -49.6825, 45.7683 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(133, 228, 37) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(133, 228, 37) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(133, 228, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 228, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 228, 37);  
box-shadow:4px 4px 4px 4px rgb(133, 228,  
37) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.8504, -49.6825, 45.7683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 228, 37) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(133,  
228, 37) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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